

ABSTRACT OF THE DISCLOSURE

A system providing video data in which a constant bit rate data stream is provided
5 between a video source and a video destination, and has a fixed data rate exceeding a
predetermined minimum display rate associated with the video destination. Video data is
conveyed from the video source to the video destination at the data rate, and is processed
for display at the video destination at a varying display rate, between a minimum rate and
a maximum rate. The minimum video data display rate at the video destination is less
10 than the fixed data rate of the stream between the video source and the video destination,
and excess received video data is stored in buffers in the video destination. Display of
the received video data by a display device at the video destination is delayed from when
the video data is received by a delay period, allowing buffers at the video destination to
fill with video data. When display of the data is initiated, using the buffered video data,
15 the video quality of the display can be improved, incorrectly received or missing frames
can be retransmitted and received, and/or a fast forward function can be supported.